

AMENDMENT AND REPRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 1-6 are currently amended, and claims 8-14 are newly presented.

1. (Currently Amended) An ink jet printer forming an image using ultraviolet curing ink, comprising:

an ink jet head ~~ejecting~~ configured to eject out the ultraviolet curing ink onto a predetermined sheet,

moving means for moving said ink jet head relatively to said sheet; and

~~an a plurality of light emitting diode (LED) elements arranged in adjacent columns and rows,~~
~~the LED elements LED provided in the moving direction of said ink jet head and emitting-~~
~~ultraviolet~~ including a plurality of first-wavelength LED elements and a plurality of second-
wavelength LED elements, said first-wavelength LED elements and said second-wavelength
LED elements being arranged alternately.

2. (Currently Amended) The ink jet printer according to claim 1, wherein said LED elements is are provided ~~also in the~~ a direction of and opposite to the moving direction of said ink jet head.

3. (Currently Amended) The ink jet printer according to claim 1, ~~wherein said LED comprises a~~
~~plurality of LED elements arranged in rows and columns, and~~

,wherein said plural LED elements comprise first wavelength LED elements outputting first-
wavelength ultraviolet, and second-wavelength LED elements outputting output ultraviolet light
 whose wavelength is longer than the wavelength of said first- wavelength LED elements.

4. (Currently Amended) The ink jet printer according to claim 1, ~~wherein said LED comprises a plurality of first-wavelength LED elements and second-wavelength LED elements, and~~ wherein said plural first-wavelength LED elements and second-wavelength LED elements are alternatively arranged ~~alternately~~ in said moving direction.
5. (Currently Amended) The ink jet printer according to claim 1, wherein said plural first-wavelength LED elements ~~of said plural first-wavelength LED elements~~ and said second-wavelength LED elements are arranged close to the side of said ink jet head against said moving direction.
6. (Currently Amended) The ink jet printer according to claim 1, wherein said moving means moves said ink jet head in the main scanning direction which is a feeding direction of said sheet, and in the secondary scanning direction which intersects with said feeding direction of the sheet at right angles, and said plural first-wavelength LED elements are arranged in the secondary direction of said ink jet head and said plural second-wavelength LED elements are arranged on the main scanning side of said ink jet head.
7. (Original) The ink jet printer according to claim 1, wherein said first-wavelength ranges from 250 nm to 300 nm, and said second-wavelength ranges from 300 to 370 nm.
8. (New) An apparatus comprising:
a printer head configured to eject ink;

a first set of light emitting diode (LED) elements including LED elements of a first wavelength; and

a second set of light emitting diode (LED) elements including LED elements of a second wavelength,

wherein at least one of the first set of LED elements is adjacent to at least one of the second set of LED elements, the first set of LED elements and the second set of LED elements being disposed near the printer head.

9. (New) An apparatus according to claim 8, wherein the LED elements of the first wavelength of and the LED elements of the second wavelength are arranged in an alternating pattern.

10. (New) An apparatus according to claim 9, wherein the alternating pattern includes a checkered pattern.

11. (New) An apparatus according to claim 8, wherein the first wavelength is shorter than the second wavelength, the first set of LED elements being disposed closer to the printer head than the second set of LED elements.

12. (New) A system comprising:

a printer head configured to move along a main scanning direction and a secondary scanning direction;

a first group of light emitting diode (LED) elements abutting one side of the printer head;

a second group of LED elements abutting another side of the printer head, wherein the first group and the second group are arranged along the secondary scanning direction; and

a third group of LED elements disposed near the printer head and arranged along the main scanning direction.

13. (New) An apparatus according to claim 12, wherein each of the LED elements in the first group and the second group is configured to emit light at a first wavelength, and the LED elements of the third group is configured to emit light at a second wavelength, the first wavelength being different from the second wavelength.

14. (New) An apparatus according to claim 12, wherein the first wavelength is shorter than the second wavelength.